

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A guide route search device, comprising:

a designating unit adapted to designate at least two or more destinations;

a creating unit adapted to create plural route patterns in which orders of visit to the plural destinations are different from one another, wherein the creation unit comprises a unit for adding a new route point to the route pattern such that, when a route point at which the user arrives at a time earlier than the guide time as a route point condition is present in a route pattern, the user arrives at the route point at the guide time by searching for a genre, a stay time of which coincides with an adjustment time for said time earlier in a route point condition table for genre including genre name data, guide time data and stay time data, and a route point that is on a guide route between a start point and a route point with too early arrival time is searched in a proposed route point data base, including genre data indicating a genre of the facility in the proposed route point, which matches the genre data of the genre found in the route point condition table for genre;

judgment unit adapted to judge whether the plural route patterns are route patterns that satisfy destination conditions in all the destinations; and

a route pattern edition unit, for route patterns in which destinations are judged as satisfying the destination conditions by the judgment unit, any one of addition of destinations, deletion of destinations, change of destinations, and rearrangement of destinations as correction of the route patterns and causing the judgment unit to judge whether destinations in the route patterns after the correction satisfy the destination conditions,

wherein the designating unit operates to select a proposed route point from a proposed route point database, including genre data indicating a genre of the facility in the proposed route point and business hour data of the facility in the proposed route point,

wherein the creating unit operates to output business hour data as time frame comparison data corresponding to a genre of the route point and comparing this time frame comparison data with guide time data associated with the same genre of a route point condition table for genre, including genre name data and associated guide time data, and

wherein, when a time frame not included in the business hour data of the route point is included in a time frame of the guide time data, a guide point condition update unit deletes the guide time by the excess time frame not included in the business hour data and updates the guide time data of the route point condition for genre table to be included in the business hour data of the route point.

2. (Previously Presented) The guide route search device according to claim 1, further comprising a selection unit adapted to select a guide pattern that satisfies the destination conditions in all the destinations as a guide route.

3. (Previously Presented) The guide route search device according to claim 1, further comprising:

an adjustment unit adapted to perform, for route patterns judged as not satisfying the destination conditions at least at one destination by the judgment unit, adjustment of a non-traveling time such that the route patterns satisfy the destination conditions in all the destinations; and

a selection unit adapted to select a specific route pattern out of the route patterns judged as satisfying the destination conditions in all the destinations by the judgment unit and the route patterns updated by the adjustment unit.

4. (Previously Presented) The guide route search device according to claim 1, further comprising:

an update unit adapted to update, for route patterns judged as not satisfying the destination conditions at least at one destination by the judgment unit, the route patterns such that the route patterns satisfy the destination conditions in all the destinations; and

a display unit adapted to display at least two route patterns out of the route patterns judged as satisfying the destination conditions in all the destinations by the judgment unit and the route patterns updated by the updating means.

5.-6. (Canceled)

7. (Previously Presented) The guide route search device according to claim 2, further comprising:

a display unit adapted to display the guide route selected by the selecting means on a map image together with an image indicating a location of the guide route search device itself before route guide;

a movement unit adapted to move the image indicating a location of the guide route search device itself along the guide route;

a time calculation unit adapted to calculate an arrival time at a location of the image moved by the moving means; and

an update unit adapted to change a color and/or brightness of the map image according to the arrival time calculated.

8. (Canceled)

9. (Previously Presented) The guide route search device according to claim 7, wherein the judgment unit includes a destination condition update unit adapted to

update, when the destination for each genre is not in a business hour of the destination, updating the destination conditions for each genre such that the destination conditions for each genre are in a business hour of the route point.

10. (Previously Presented) The guide route search device according to claim 2, wherein that the selection unit judges whether route points of identical or similar genres continue in the route pattern and, when destinations of identical or similar genres do not continue, selects the route pattern as the guide route.

11. (Previously Presented) The guide route search device according to claim 1, wherein the route pattern edition unit has a sub-unit for inserting, in which a new destination is inserted in a certain insertion place in route patterns in which destinations are judged as satisfying the destination conditions by the judgment unit, when it is judged by the judgment unit that destinations in the route patterns after correction do not satisfy the destination conditions, the new destination in another insertion place on the guide route.

12. (Previously Presented) The guide route search device according to claim 1, characterized in that, the guide route search device has a sub-unit for inserting, in response to the addition of a destination by the route pattern edition unit, a new destination in each of plural insertion places, in which a destination can be inserted, on route patterns in which destinations are judged as satisfying the destination conditions by the judgment unit to create plural route patterns, by a creation unit contained in the hardware processor; and

causes the judgment unit to judge whether destinations satisfy the destination conditions for each of the plural route patterns created, by a judgment unit contained in the hardware processor.

13.-20. (Canceled)

21. (Currently Amended) A computer program for causing a guide route search method to operate, the guide route search method comprising the steps of:

designating at least two or more destinations;

creating plural route patterns in which orders of visiting the plural destinations are different from one another, wherein the step of creating plural route patterns comprises the step of adding a new route point to the route pattern such that, when a route point at which the user arrives at a time earlier than the guide time as a route point condition is present in a route pattern, the user arrives at the route point at the guide time by searching for a genre, a stay time of which coincides with an adjustment time for said time earlier in a route point condition table for genre including genre name data, guide time data and stay time data, and a route point that is on a guide route between a start point and a route point with too early arrival time is searched in a proposed route point data base, including genre data indicating a genre of the facility in the proposed route point, which matches the genre data of the genre found in the route point condition table for genre;

judging whether the plural route patterns are route patterns that satisfy destination conditions in all the destinations, and

editing a route pattern, for route patterns in which destinations are judged as satisfying the destination conditions in the judging step, any one of addition of destinations, deletion of destinations, change of destinations, and rearrangement of destinations as correction of the route patterns and causing the judging step to judge whether destinations in the route patterns after the correction satisfy the destination conditions,

wherein the step of designating at least two or more destinations comprises selecting a proposed route point from a proposed route point database, including genre

data indicating a genre of the facility in the proposed route point and business hour data of the facility in the proposed route point,

wherein the step of creating plural route patterns comprises outputting business hour data as time frame comparison data corresponding to a genre of the route point and comparing this time frame comparison data with guide time data associated with the same genre of a route point condition table for genre, including genre name data and associated guide time data, and

wherein, when a time frame not included in the business hour data of the route point is included in a time frame of the guide time data, a guide point condition update unit deletes the guide time by the excess time frame not included in the business hour data and updates the guide time data of the route point condition for genre table to be included in the business hour data of the route point.

22.-23. (Canceled)